

**Iowa Public Television
Infrastructure Appropriations Status Report
January 15, 2013**

Project: Digital Television Conversion

Description:

The Federal Communications Commission (FCC) has mandated that the entire broadcast industry convert from our present analog transmission standard to a new digital transmission standard. IPTV must convert nine transmitters, eight translators and its headquarters from analog to digital. To prepare a site for digital broadcast, towers are purchased, leased, modified, or built. Transmitters, antennas, transmission lines and other RF components are designed, purchased and installed. Buildings for the transmitters and equipment are built or modified.

Progress of Work Completed:

In process

The following high power transmitters have been completed and are on-air: KDIN-DT, Des Moines, KIIN-DT, Iowa City, KBIN-DT, Council Bluffs, KSIN-DT, Sioux City, KRIN-DT, Waterloo, KHIN-DT, Red Oak, KTIN-DT, Fort Dodge, KYIN-DT, Mason City, and KQIN-DT, Davenport. All eight of IPTV's eight translators had been upgraded to digital capable translators. The digital interconnections between the transmitter sites and Johnston headquarters have been completed. A digital master control system has been installed at Johnston headquarters. The studio equipment has been purchased and installed. Per HF 648, \$1,000,000 was used for operational costs of Iowa Public Television in FY 2012.

Total Estimated Cost of Project: \$44,769,390

List of all Revenue Sources to Fund the Project:

State Funds:

- Technology Program
- Pooled Technology Fund
- Tax-Exempt Bonds Proceeds Rest
- Rebuild Iowa Infrastructure Fund, fund 0017, appropriation 64J
- Technology Reinvestment Fund

Federal Funds

- Department of Commerce, National Telecommunications and Information Administration, Public Telecommunications Facilities Program
- Department of Commerce, National Telecommunications and Information Administration, Translator Reimbursement Grant

Other Funds

- Corporation for Public Broadcasting Digital Universal Service Fund Grants
- Corporation for Public Broadcasting Digital Distribution Fund Grants
- Business and Industry partners

Amount of Funds Expended: \$44,686,356

Amount of Funds Obligated: \$ 81,834

Estimated Completion Date of Project: January 31, 2013

Project: Digital Conversion of K54AF Keosauqua Translator to K24AF

Description:

This project is for the installation of a digital translator at its K54AF Keosauqua translator site that will operate as K24AF Digital. The K54AF Keosauqua translator site covers areas in Van Buren, Jefferson, Henry, Lee, Davis, and Wapello counties.

Progress of Work Completed:

This project is complete.

A 500 ft tower was built. The translator, translator building, antenna, transmission lines, and associated equipment has been purchased and installed. The digital translator is on-air. Per SF 2389, \$25,378 was used for operational costs of Iowa Public Television in fiscal year 2011.

Total Estimated Cost of Project: \$721,500

List of all Revenue Sources to Fund the Project:

State Funds: Technology Reinvestment Fund, fund 0943, Appropriation 70J
Federal Funds: Department of Commerce, National Telecommunications and Information Administration, Translator Reimbursement Grant

Amount of Funds Expended: \$701,500

Amount of Funds Obligated: None

Estimated Completion Date of Project: This project was completed by December 31, 2009. \$20,000 has been reverted to the State.

Project: Generators for IPTV transmitter sites

Description:

This project is for the design, purchase and installation of generators at nine transmitter sites to enable IPTV to continue to operate and provide services during power outages. Currently, there is nothing to protect the transmitter sites from an interruption in power. When the power goes out at a transmitter site, that entire part of the state is without the ability to watch Iowa Public Television.

The lack of generators at the transmitter sites is an issue every time a rural power system loses power – something that is happening with increasing frequency. These power losses become a more critical issue if Iowa Public Television becomes a part of a national security alert system.

Progress of Work Completed:

Completed

Brooks, Borg, and Skiles designed a unique solution for a couple of the transmitter sites. Per HF 822, \$210,477 in fiscal year 2009 and \$1,000,000 in fiscal year 2010 was used for operational costs of Iowa Public Television. Per SF 2389, \$378,637 was used for operational costs of IPTV in fiscal year 2011.

Total Estimated Cost of Project: \$1,602,437

List of all Revenue Sources to Fund the Project:

State Funds: Technology Reinvestment Fund, fund 0943, appropriation 70J
Corporation for Public Broadcasting Digital Distribution Fund

Amount of Funds Expended: \$1,602,437

Amount of Funds Obligated: None

Estimated Completion Date of Project: Completed

Project: Purchase of building in Johnston, Iowa

Description:

Iowa Public Television (IPTV) has purchased a building that IPTV was leasing. The building at 6535 Corporate Drive in Johnston, IA, (across the street from IPTV's headquarters) has housed our educational telecommunications staff, administrative staff, and the IPTV Foundation staff – the fund raising organization for Iowa Public Television -- for the past 14 years. The leased premises include 11,000 square feet of office space and 2,500 square feet of warehouse space. There is an option to purchase clause in the lease agreement.

Progress of Work Completed:

The building and land has been purchased.

Total Estimated Cost of Project: \$1,255,550

List of all Revenue Sources to Fund the Project:

State Funds: Rebuild Iowa Infrastructure Fund, fund 0017, appropriation 04I

Amount of Funds Expended: \$1,221,397 as of June 30, 2012

Amount of Funds Obligated: \$34,153

Estimated Completion Date of Project: December 31, 2012